

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 1    | ((("5834358") or ("2001029083")).PN.  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2006/02/08 15:19 |
| S2    | 2    | ((("5834358") or ("20010029083")).PN.   | US-PGPUB;<br>USPAT  | OR               | OFF     | 2006/02/08 15:19 |
| S3    | 22   | ("4509249"   "4661832"  <br>"4729006"   "4758531"   "4789883"<br>  "4845051"   "4980306"  <br>"4985368"   "5051795"   "5137837"<br>  "5192706"   "5234861"  <br>"5270244"   "5376593"   "5384280"<br>  "5387540"   "5424240"  <br>"5433794"   "5457339"   "5578518"<br>  "5604149"   "Re34400").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/02/08 15:21 |
| S5    | 33   | ("5834358").URPN.   | USPAT   | OR               | ON      | 2006/02/08 15:23 |
| S6    | 55   | ("4509249"   "4661832"  <br>"4729006"   "4758531"   "4789883"<br>  "4845051"   "4980306"  <br>"4985368"   "5051795"   "5137837"<br>  "5192706"   "5234861"  <br>"5270244"   "5376593"   "5384280"<br>  "5387540"   "5424240"  <br>"5433794"   "5457339"   "5578518"<br>  "5604149"   "Re34400").PN. OR<br>("5834358").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/02/09 09:04 |
| S7    | 55   | ("4509249"   "4661832"  <br>"4729006"   "4758531"   "4789883"<br>  "4845051"   "4980306"  <br>"4985368"   "5051795"   "5137837"<br>  "5192706"   "5234861"  <br>"5270244"   "5376593"   "5384280"<br>  "5387540"   "5424240"  <br>"5433794"   "5457339"   "5578518"<br>  "5604149"   "Re34400").PN. OR<br>("5834358").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/02/09 09:09 |
| S8    | 7    | ("3961999"   "5208181"  <br>"5393692"   "5403770"   "5834358"<br>  "5891789").PN. OR ("6100164").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/02/09 09:10 |
| S9    | 1675 | (438/424).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/09 10:02 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S10 | 163  | S9 and ((germanium ge) near3 (silicon polysilicon Si)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/09 18:25 |
| S11 | 261  | (257/19).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/16 10:47 |
| S12 | 0    | S11 and ("Si.sub.xGe.sub.1-x-yC.sub.y")                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/09 18:34 |
| S13 | 756  | ((257/55) or (257/63) or (257/65)).CCLS.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/16 10:49 |
| S14 | 0    | S13 and ("Si.sub.xGe.sub.1-x-yC.sub.y")                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/09 18:32 |
| S15 | 1675 | (438/424).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/09 18:31 |
| S16 | 1    | S15 and ("Si.sub.xGe.sub.1-x-yC.sub.y")                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/09 18:32 |
| S17 | 150  | (257/63).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/09 18:33 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S21 | 16  | S11 and (Si adj3 Ge adj3 C)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/09 18:41 |
| S22 | 45  | S11 and ((Si adj3 Ge adj3 C) SiGeC)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/09 18:45 |
| S23 | 9   | S15 and ((Si adj3 Ge adj3 C) SiGeC)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/09 18:47 |
| S24 | 34  | S13 and ((Si adj3 Ge adj3 C) SiGeC)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/09 18:47 |
| S25 | 1   | ("6448650").PN.                              | US-PGPUB;<br>USPAT  | OR | OFF | 2006/02/15 11:01 |
| S26 | 262 | (257/19).CCLS.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/16 10:47 |
| S27 | 245 | S26 and (germanium ge)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/16 10:48 |
| S28 | 218 | S27 and (carbon c)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/16 10:49 |
| S29 | 756 | ((257/55) or (257/63) or (257/65)).<br>CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/16 10:49 |

## EAST Search History

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S30 | 65 | S29 and ((germanium ge) near3 (silicon si polysilicon) near3 (carbon c)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/16 10:50 |
|-----|----|--|---|----|----|------------------|